



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas Patrick Dawson
Application No.: 10/633,870
Date Filed: 08/04/2003
Title: COMPUTER-READABLE MEDIUM AND PROGRAM FOR QUANTIZING
A DATA SET, METHOD AND APPARATUS FOR QUANTIZING A DATA
SET
Group Art Unit: 2621
Examiner: Unassigned
Atty. Docket No. 50N3371.01

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop Missing Parts
Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.

I. COPIES

- a. ☐ A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- b. ☒ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

09/456,143

12/07/1999

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

FEES

- IV. ☒ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b):** (check one box)
- a. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
 - b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
 - c. ☒ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
 - d. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- V. ☐ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c):** (check one box)
before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
- a. ☐ No statement; therefore, charge deposit account 50-1047 the fee set forth in 37 C.F.R. §1.17(p).
 - b. ☐ See the statement below. No fee is required.
- VI. ☐ **THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):**
on or before payment of the issue fee and is accompanied by the following:
- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
 - 2) charge deposit account 50-1047 the petition fee set forth in §1.17(p).
- VII. ☐ **STATEMENT UNDER 37 C.F.R. §1.97(e)** (check only one box, if applicable)
The undersigned hereby states that
- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
 - b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
 - c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
- VIII. **PAYMENT OF FEES**
- ☐ A check in the amount of _____ is enclosed for the above-identified fee(s).
 - ☐ Please charge Deposit Account No. 50-1047 in the amount of \$180.00 for the above-indicated fee(s).
 - ☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 50-1047.
 - ☐ Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-1047.

Respectfully submitted,

Karin L. Williams

Karin L. Williams
Attorney for Applicant(s)
Reg. No. 36,721
Tel.: 908-518-7700
FAX: 908-518-7795

MAYER FORTKORT & WILLIAMS
Customer Number 27774

Enclosures:

☒
☐
☐
☐

PTO/SB/08
References
Foreign Search Report
Other:

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited

12/30/63

with the U.S. Postal Service as first class mail

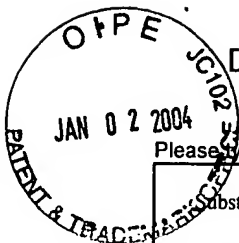
under 37 C.F.R. 1.8 and is addressed to the Mail Stop DD, Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Joanne Ryan

Signature of Person Mailing Correspondence

Joanne Ryan

Typed or Printed Name of Person Mailing Certificate



Docket No.: 50N3371.01

Please type a plus sign (+) inside this box. FORM PTO/SB/08

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/633,870
				Filing Date	08/04/2003
				First Named Inventor	Thomas Patrick Dawson
				Group Art Unit	2621
				Examiner Name	Unassigned
Sheet 1 of 2				Attorney Docket Number	50N3371.01

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY
		Number	Class/Subclass		
	1.	5,394,518	395/131	Friedman et al.	02/28/1995
	2.	4,907,075	358/75	Braudaway	03/06/1990
	3.	5,049,986	358/80	Aono et al.	09/17/1991
	4.	5,365,252	345/153	Lo	11/15/1994
	5.	5,398,120	358/501	Friedman et al.	03/14/1995
	6.	5,463,702	382/239	Trueblood	10/31/1995
	7.	5,638,190	358/500	Geist	06/10/1997
	8.	5,793,892	382/232	Pan et al.	08/11/1998
	9.	5,748,771	382/162	Fujiwara	05/05/1998
	10.	5,485,558	345/597	Weise et al.	01/16/1996
	11.	5,734,368	345/593	Meyers et al.	03/31/1998
	12.	5,877,754	345/601	Keith et al.	03/02/1999
	13.	4,169,285	345/591	Walker	09/25/1979
	14.	6,181,818	382/170	Sato et al.	01/30/2001
	15.	6,456,300	345/634	Pettigrew	09/24/2002

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	T
		Office ³	Number ⁴	Class/Subclass			
	1.	JP	02 194773	H04N 1/46	Canon Inc.	08/01/1990	
	2.	JP	08 286651	G09G 5/06	Fuji Xerox Co. Ltd.	11/01/1996	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.



Docket No.: 50N3371.01

+

Please type a plus sign (+) inside this box. FORM PTO/SB/08

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/633,870
				Filing Date	08/04/2003
				First Named Inventor	Thomas Patrick Dawson
				Group Art Unit	2621
Examiner Name	Unassigned				
Sheet	2	of	2	Attorney Docket Number	50N3371.01

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	M. Sakauchi et al., "A flexible and high-speed color image quantization using a 3-D pattern data structure," Applications of Digital Image Processing XII, San Diego, CA USA, Aug. 8-11, 1989, vol. 1153, pp. 640-644, Proceedings of the SPIE – The International Society for Optical Engineering, 1989, ISSN: 0277-786X.	
	2.	I. Ashdown, "Octree Color Quantization," Copyright 1994, John Wiley & Sons, Inc., pp. 1-7.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.